

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Evaluation of antioxidant effect of green tea in patients with chronic periodontitis on bleeding on probing(BOP) and clinical attachment loss(CAL).

Protocol summary

Summary

purpose : it is evaluate anti-oxidant effects of green tea on periodontal diseases those effects. Target sample and size: 30 patients with chronic periodontitis inclusion criteria: chronic periodontitis , probing depth over 5.5 mm exclusion criteria: smoking and systemic disease effect the periodontium. intervention: Patients divided two groups. The first group (15 patients) collected saliva and they are control group without any interaction. The second group collected saliva and then prescribes green tea for 4 weeks then we collected saliva again. outcomes: Finally effects of green tea as an antioxidant on bleeding on probing and clinical attachment loss evaluated with kit.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201103136045N1**
Registration date: **2011-04-26, 1390/02/06**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2011-04-26, 1390/02/06

Registrant information

Name

Mahmoud Jahangirnezhad

Name of organization / entity

Ahwaz Jondishapour university of Medical sciences

Country

Iran (Islamic Republic of)

Phone

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Recruitment status

Recruitment complete

Funding source

research Deputy and affairs of Ahwaz Jondishapour University of Medial Sciences

Expected recruitment start date

2011-04-10, 1390/01/21

Expected recruitment end date

2011-05-12, 1390/02/22

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of antioxidant effect of green tea in patients with chronic periodontitis on bleeding on probing(BOP) and clinical attachment loss(CAL).

Public title

Evaluation of antioxidant effect of green tea in patients with chronic periodontitis

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria: 1.chronic periodontitis 2.probing depth over 5.5 mm exclusion criteria: 1.smoking 2.systemic disease effect the periodontium

Age

From **30 years** old to **70 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 30

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Ahwaz Jondishapour University of Medical Sciences

Street address

Ahwaz Jondishapour University of Medical Sciences,
School of Dental Medicine

City

Ahwaz

Postal code

Approval date

2011-01-15, 1389/10/25

Ethics committee reference number

ETH-83

Health conditions studied

1

Description of health condition studied

chronic periodontitis

ICD-10 code

K05.3

ICD-10 code description

Chronic periodontitis

Primary outcomes

1

Description

bleeding on probing(BOP)

Timepoint

4 weeks

Method of measurement

probe

2

Description

clinical attachment level(CAL)

Timepoint

4 weeks

Method of measurement

probe

Secondary outcomes

1

Description

reactive oxygen species

Timepoint

4 weeks

Method of measurement

kit

Intervention groups

1

Description

patients with chronic periodontitis collected saliva and this group of patients are as control group.

Category

N/A

2

Description

We use 1.75 gr green tea as an antioxidant agent for 4 weeks to help the treating of periodontal diseases .patient educate To put in boiled water then use orally this product during day. .

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

School of Dentistry, Ahwaz Jondishapour University of Medical Sciences

Full name of responsible person

Street address

City

Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

research Deputy and affairs of Ahwaz Jondishapour University of Medial Sciences

Full name of responsible person

Mohammadreza Abbaspour

Street address

Ahwaz Jondishapour University of Medical Sciences,
School of Dental Medicine

City

Ahwaz

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

research Deputy and affairs of Ahwaz Jondishapour
University of Medial Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Ahwaz Jondishapour University of Medical Ssciences

Full name of responsible person

Mahmoud Jahangirnezhad

Position

Associate Professor / Chairman of Periodontics
Department

Other areas of specialty/work

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Full name of responsible person

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Web page address

Person responsible for updating data

Contact

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty